

✓ MONITOR WELLS



1925097 - R8 SDMS

# GROUNDWATER MONITORING

SW 6/18/97

Well	Baseline Status	Quality or Operational	Parameters	Monitoring Frequency	Shallow Depth S/D	Total Depth	Elev. (est)	Date	Casing Diameter (O.D.)	Coordinates N E
GW 1	3D	WQ	Table 1 Water Levels	Quarterly	D	220'	5467	6/24/85	7"	747,162 1,126,690 ✓
GW 2		WQ / op	Table 1 Water Levels pH Free CN	Quarterly Bi-monthly	S					West of Pad
GW 3	New (Plant)	WQ	Table 1 Water Levels	Quarterly	S					South of Plant
GW 4	2D	WQ	Table 1 Water Levels	Quarterly	D	125'	5389	6/21/85	7"	746,101 1,125,943
GW 5	1D	WQ	Table 1 Water Levels	Quarterly	D	105'	5361	6/20/85	7"	745,664 1,125,815
GW 6	5D	WQ	Table 1 Water Levels	Quarterly	D	105'	5276	7/26/85	7"	744,177 1,125,980
GW 7	1S	WQ	Table 1 Water Levels	Quarterly	S	20'	5278	6/25/85	7"	744,179 1,125,987
GW 8	New (Pad)	Op	pH Free CN	Bi-Monthly	S					West of Pad
GW 9	New (Pad)	Op	pH Free CN	Bi-Monthly	S					South of Pad
GW 10	New (Pad)	Op	pH Free CN	Bi-Monthly	S					South of Pad

MW 85-2D.

0 - 10	Qal
10 - 40	Edh
40 - 45	Thtp
45 - 83	Edn
83 - 93	Thtp
93 - 120	<del>Edg</del> Edh
120 - 125	<del>Ed</del> Edg

0 - 30	OXIDE
30 - 45	MIX
45 - 125	SULFIDE
5 - 7%	120 - 125 PY.

MW 85-1D

0 - 10      ~~FILL~~  
10 - 105      ~~Thtp~~

0 - 50	OXIDE
50 - 105	MIX

MW 85 2S

NO CHARACTER SAMPLES

... 15

0 - 5	Qal
5 - 20	Tg+P

0 - 20      OXIDE

MW 5D

0 - 31      NO CHARACTER SAMPLE       $\leftrightarrow$

31 - 55      Thtp

31 - 65      MIXED

55 - 65      Thtp      w/ signs of Fe stain.      65 - 105      SULFIDE

65 -      Thtp

## MW 85-4D

0 - 5	Fil
5 - 15	Edh
15 - 22	Thtp
22 - 114	Edh
114 - 121	Thtp
121 - 165	Edh
165 - 175	Thtp
175 - 198	Brown Edh
198 - 205	Edh

0 - 15 OXIDE  
15 - 205 SULFIDE

## MW 85-3D

0 - 15	Fil / ORE
15 - 29	Edh
29 - 35	Thtp
35 - 70	Edh
70 - 81	Thtp
81 - 104	Edh
104 - 114	Thtp
114 - 134	Edh
134 - 150	Thtp
150 - 165	Edh
165 - 185	Thtp
185 - 213	Edh
213 - 220	Edg

0 - 20 OXIDE  
20 - 35 MIX  
35 - 90 SULFIDE  
90 - 100 MIX  
100 - 220 SULFIDE

MW TD.

0-20 Q4L  
20-45 Edh

45-53 Thp

53-70 Edh

65-70 FAULT CONTACT

70-78 Thp

78-115 Edh

115-127 Thp

127-158 Edh

158-178 Edg

178-185 Re schist

OXIDE 0-20

MIX 20-30

SULFIDE 30-65

MIX 65-70

SULFIDE 70-140

MIX 140-150

SULFIDE 150-185

BROWN Edh 80-90

MW 6D

0-5 FILL

5-40 Edh

40-47 Thp

47-73 Edh

73-81 Thp

81-134 Edh (w/ SPARIDOC Thp) 1-2' amount

134-144 Thp

144-174 Edh

174-185 Thp

185-203 Edh

203-205 Thp

0-45 OXIDE

45-55 MIX

55-75 SULFIDE

75-95 MIX

95-125 SULFIDE

125-135 MIX

135-190 SULFIDE

190-205 OXIDE

## Gilt Edge Inc.

## MEMORANDUM

TO: P.E. Dircksen and R.J. Hall  
FROM: R.J. MacLeod  
SUBJECT: Monthly Progress Report, June 1985  
Gilt Edge and Other Projects

DATE: July 8, 1985  
cc: File

## PERMITTING WORK

On site work done by Northern Engineering Testing (NET) was completed by June 17, 1985. Work consisted of determining the depth to bedrock and the "nature" of the valley fill material. Twenty-five (25) test pits were dug down to bedrock with a backhoe. The pits have been surveyed (brunton and tape) and marked with wooden stakes and flagging for possible future reference.

A total of nine (9) monitor wells were drilled between June 19 and June 29. Pump and slug tests and water quality sampling were completed by July 3. Two wells (MW-85-2D and MW-85-7D) seemed to encounter water in sufficient quantity so as to be a possible water source for mine-plant consumption. Drill collars have been surveyed (brunton and tape).

Samples of drill cuttings from the seven (7) deep monitor wells (listed below) were collected from 5 foot intervals for geologic data and assay. Samples are now being dried and split. One split will be stored as reject while the other will be submitted to Strawberry Hill Mining for assay. Geologic logs will be completed as soon as possible, but as time permits, as we want to take advantage of the good field weather.

Steel caps that can be locked are to be supplied and installed by Taylor Drilling of Rapid City. Cement "pads" will be constructed around two shallow and deep monitor well pairs by Lacana personnel.

The following is a list of the drill holes:

Hole Number	Coordinates	Elevation	Depth
MW-85-1D	745,664 N 1,125,815 E	5359'	105'
MW-85-2D**	746,101 N 1,125,943 E	5387'	125'
MW-85-3D	747,162 N 1,126,690 E	5465'	220'
MW-85-4D	747,952 N 1,126,726 E	5523'	205'
MW-85-5D*	744,177 N 1,125,980 E	5275'	105'
MW-85-6D	747,425 N 1,127,325 E	5610'	205'
MW-85-7D	746,440 N 1,126,267 E	5408'	185'
MW-85-1S*	744,179 N 1,125,987 E	5275'	20'
MW-85-2S**	746,100 N 1,125,932 E	5387'	22'

\* shallow and deep monitor well pair

\*\* shallow and deep monitor well pair

The metallurgical material on the impervious pad has been leveled and subdivided into three (3) equal area (approximately) plots. A sample from each plot was collected for analyses by the soil testing lab at South Dakota State University, Brookings. In addition, a sample of the native soil adjacent to the test heap pad was taken for analyses. The native soil will be transferred onto 1 of the 3 plots unless otherwise instructed. As of July 8, the catchment basin was dry. In the bottom of the basin is a clay+silt that is stained by a blue residue or precipitate that we may want to analyze. This may also be a good time to consider relining the basin with something stronger than plastic; perhaps Wharf still has some hypalon left over from what was taken out of their ponds last year.

#### Claim Staking

The open fraction located at the head of Butcher Gulch and adjacent to the Herbert claims has been staked and recorded with the Lawrence County Register of Deeds.

Since the local people (e.g., Dan Fredlund and Burt Rowe) seem to feel that any open ground near Gilt Edge is worth staking, perhaps we should take the precaution of staking 1.) the apparent open fractions northwest and southwest of the Sunshine lode M.S. 1941 (south center sec. 6); and 2.) stake lode claims over the Hoodoo Placer and portions of the Strawberry Placer (M.S. 931 and 712). Perhaps we could fend off any moves on areas with potential or at least create a better margin of safety.

#### Miscellaneous

The "K-11" barrel sample taken by Cyprus in 1980 from the King Mine appears to be breccia with 10-15% sulphide (or more). My recollection of the breccia is that it consists of clasts to blocks (up to 3' diameter) of mostly trachyte porphyry with some Precambrian clasts. On the whole it is quite "punk" and may not be exactly the same as the breccia intersected in DGE-8 and 10.

The geologic mapping of the North Gilt Edge sheet is nearly complete. Some contacts need to be followed out yet, but should not require more than two days to finish. In general, there are four porphyry types consisting of 1.) "hornblende diorite", 2.) hornblende latite (?), 3.) trachyte, and 4.) "sanidine rhyolite". Mapping and interpretation is complicated by blocks of Cambrian Deadwood hornfels and quartzite as well as generally poor exposures.

The Aurex cups are out as plotted on the 1" - 50' geologic map, except for the cups on the northwest end of section G-G'. These cups were moved 50 feet northeast to avoid the Dakota Maid pit.

Reclamation of 1984 drill pads is complete except for seeding, which I will do in late August.

#### BLACK HILLS RECONNAISSANCE

##### Caldak's Mineral Hill

Two days have been spent walking and sampling on the Mineral Hill properties belonging to Caldak. Geologically, the area appears complex consisting

of multiple Tertiary intrusions (probably undersaturated, alkalic), in which some have been highly fractured and brecciated. Sample results are a bit discouraging, ranging from <5 ppb Au to 600 ppb Au. After discussing the location of samples that were taken by earlier workers (those samples had Au values up to .5 opt Au) with Howard Sternberg, it would appear that at least some of those areas are no longer accessible, or they have been mined since. Howard indicated that Caldak is now negotiating a deal (that will probably go through) with Molycorp. He indicated a willingness to keep us informed on what is happening.

Mapping and sampling of "Ruby Ridge" and "Ruby Gulch" has begun and should be completed by July 17 or 18.

RJM/jlm

## **STATEMENT**

July 24

19 84

*well*

$H_2O$  18s  
FeSO<sub>4</sub> 28%

IN ACCOUNT WITH  
**DAKOTA ASSAYERS**

P.O. BOX 2 o DEADWOOD, SOUTH DAKOTA 57732  
TELEPHONE (605) 578-1350

Gilt Edge, Inc.

P.O. Box 485

Deadwood, S D 57732

# DAKOTA ASSAYERS

POST OFFICE BOX 2 o DEADWOOD, SOUTH DAKOTA 57732  
TELEPHONE (605) 578-1350

**ASSAYER-REFINER**

Fred Mosley  
Lead, South Dakota  
Telephone 584-3420

## — ASSAY CERTIFICATE —

**MANAGER-ASSAYER**

Maurice Hoffman  
Deadwood, South Dakota  
Telephone 578-1975

Mr.

Lacona Mining

7-18

1985

Page 1

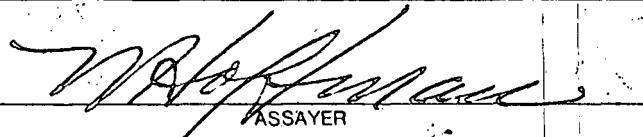
	SAMPLE NO.	GOLD		SILVER	
		OUNCEs PER TON	*VALUE PER TON	OUNCEs PER TON	*VALUE PER TON
1	Chip 2701	.045		tr	
2	2702	.025		nf	
3	2703	.045		nf	
4	2704	.025		nf	
5	2705	.015		nf	
6	2706	nf		nf	
7	2707	.025		nf	
8	2708	tr		nf	
9	2709	.010		nf	
10	2710	.025		tr	
11	2711	.005		nf	
12	2712	tr		nf	
13	2713	.010		nf	
14	2714	.005		nf	
15	2715	nf		nf	

	SAMPLE NO.	GOLD		SILVER	
		OUNCEs PER TON	*VALUE PER TON	OUNCEs PER TON	*VALUE PER TON
16	Chip 2716	tr		tr	
17	2717	nf		nf	
18	2718	tr		nf	
19	2719	nf		nf	
20	2720	.005		nf	
21	2721	nf		nf	
22	2722	nf		nf	
23	2723	.005		nf	
24	2724	.010		nf	
25	2725	.055		nf	
26	2726	tr		nf	
27	2727	nf		nf	
28	2728	.005		nf	
29					
30					

\*Values figured on basis of gold @ \$ \_\_\_\_\_ per ounce, silver @ \$ \_\_\_\_\_ per ounce.

**REMARKS:**

Dakota Assayers is responsible for this report but assumes no responsibility as to the source of the sample tested.



ASSAYER

# DAKOTA ASSAYERS

POST OFFICE BOX 2 o DEADWOOD, SOUTH DAKOTA 57732  
TELEPHONE (605) 578-1350

## ASSAYER-REFINER

Fred Mosley  
Lead, South Dakota  
Telephone 584-3420

## - ASSAY CERTIFICATE -

## MANAGER-ASSAYER

Maurice Hoffman  
Deadwood, South Dakota  
Telephone 578-1975

Mr. Lacona Mining

7-18

19 85

Page 2

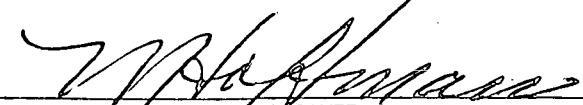
	SAMPLE NO.	GOLD		SILVER	
		OUNCES PER TON	*VALUE PER TON	OUNCES PER TON	*VALUE PER TON
1	Hole 5D 0-5	nf		nf	
2	5-10	nf		nf	
3	10-15	nf		.05	
4	15-20	nf		2.45	
5	20-25	tr		1.40	
6	25-30	nf		.10	
7	31.5-35	nf		.13	
8	35-40	nf		.30	
9	40-45	tr		tr	
10	45-50	nf		.25	
11	50-55	nf		.14	
12	55-60	.025		.76	
13	60-65	.015		.34	
14	65-70	nf		nf	
15	70-75	nf		nf	

	SAMPLE NO.	GOLD		SILVER	
		OUNCES PER TON	*VALUE PER TON	OUNCES PER TON	*VALUE PER TON
16	Hole 5D 75-80	nf		.03	
17	80-85	nf		nf	
18	85-90	nf		nf	
19	90-95	nf		nf	
20	95-100	nf		nf	
21	100-105	nf		.03	
22	Hole 1D 0-5	nf		nf	
23	5-10	nf		nf	
24	10-15	nf		nf	
25	15-20	nf		nf	
26	20-25	nf		nf	
27	25-30	tr		nf	
28	30-35	.05		nf	
29	35-40	.015		tr	
30	40-45	.020		tr	

\*Values figured on basis of gold @ \$ \_\_\_\_\_ per ounce, silver @ \$ \_\_\_\_\_ per ounce.

## REMARKS:

Dakota Assayers is responsible for this report but assumes no responsibility as to the source of the sample tested.

  
ASSAYER

# DAKOTA ASSAYERS

POST OFFICE BOX 2 o DEADWOOD, SOUTH DAKOTA 57732  
TELEPHONE (605) 578-1350

## ASSAYER-REFINER

Fred Mosley  
Lead, South Dakota  
Telephone 584-3420

## - ASSAY CERTIFICATE -

## MANAGER-ASSAYER

Maurice Hoffman  
Deadwood, South Dakota  
Telephone 578-1975

Lacona Mining

7-18

85

Mr. \_\_\_\_\_

19

Page 3

SAMPLE NO.	GOLD		SILVER	
	OUNCEs PER TON	*VALUE PER TON	OUNCEs PER TON	*VALUE PER TON
1 Hole 1D 45-50	.015		tr	
2 50-55	.030		nf	
3 55-60	.035		nf	
4 60-65	nf		nf	
5 65-70	nf		nf	
6 70-75	nf		nf	
7 75-80	nf		nf	
8 80-85	nf		nf	
9 85-90	nf		nf	
10 90-95	nf		nf	
11 95-100	nf		nf	
12 100-105	nf		nf	
13 Hole 2D 0-5	nf		nf	
14 5-10	nf		nf	
15 10-15	nf		nf	

SAMPLE NO.	GOLD OUNCEs PER TON	*VALUE PER TON	SILVER OUNCEs PER TON	*VALUE PER TON
16 Hole 2D 15-20	nf		nf	
17 20-25	nf		nf	
18 25-30	nf		nf	
19 30-35	nf		nf	
20 35-40	nf		nf	
21 40-45	nf		nf	
22 45-50	nf		nf	
23 50-55	nf		nf	
24 55-60	nf		nf	
25 60-65	nf		nf	
26 65-70	nf		nf	
27 70-75	nf		nf	
28 75-80	nf		nf	
29 80-85	nf		nf	
30 85-90	nf		nf	

\*Values figured on basis of gold @ \$ \_\_\_\_\_ per ounce, silver @ \$ \_\_\_\_\_ per ounce.

REMARKS:

Dakota Assayers is responsible for this report but assumes no responsibility as to the source of the sample tested.

ASSAYER

# DAKOTA ASSAYERS

POST OFFICE BOX 2 o DEADWOOD, SOUTH DAKOTA 57732  
TELEPHONE (605) 578-1350

## ASSAYER-REFINER

Fred Mosley  
Lead, South Dakota  
Telephone 584-3420

## - ASSAY CERTIFICATE -

## MANAGER-ASSAYER

Maurice Hoffman  
Deadwood, South Dakota  
Telephone 578-1975

Mr. Gilt Edge, Inc.

7-24

19 85

P.O. Box 485

Deadwood, S D 57732

Page 4

	SAMPLE NO.	GOLD		SILVER	
		OUNCEs PER TON	*VALUE PER TON	OUNCEs PER TON	*VALUE PER TON
1	Hole 2D 90-95	nf		nf	
2	95-100	nf		nf	
3	100-105	.02		nf	
4	105-110	.01		nf	
5	110-115	.005		nf	
*	6 115-120	1.04 1.07		7.96	
7	120-125	.040		.33	
8	Hole 7D 0-5	nf		nf	
9	5-10	nf		nf	
10	10-15	nf		nf	
11	15-20	nf		nf	
12	20-25	nf		nf	
13	25-30	nf		nf	
14	30-35	nf		nf	
15	35-40	nf		nf	

	SAMPLE NO.	GOLD		SILVER	
		OUNCEs PER TON	*VALUE PER TON	OUNCEs PER TON	*VALUE PER TON
16	Hole 7D 40-45	nf		nf	
17	45-50	nf		nf	
18	50-55	nf		nf	
19	55-60	nf		nf	
20	60-65	nf		nf	
21	65-70	nf		nf	
22	70-75	nf		nf	
23	75-80	nf		nf	
24	80-85	nf		nf	
25	85-90	nf		nf	
26	90-95	nf		nf	
27	95-100	nf		nf	
28	100-105	nf		nf	
29	105-110	nf		nf	
30	110-115	nf		nf	

\*Values figured on basis of gold @ \$ \_\_\_\_\_ per ounce, silver @ \$ \_\_\_\_\_ per ounce.

## REMARKS:

\* 2nd sample 115-120  
Hole 2D au 1.13 ag 7.82

Dakota Assayers is responsible for this report but assumes no responsibility as to the source of the sample tested.

  
ASSAYER

# DAKOTA ASSAYERS

POST OFFICE BOX 2 o DEADWOOD, SOUTH DAKOTA 57732  
TELEPHONE (605) 578-1350

## ASSAYER-REFINER

Fred Mosley  
Lead, South Dakota  
Telephone 584-3420

## - ASSAY CERTIFICATE -

## MANAGER-ASSAYER

Maurice Hoffman  
Deadwood, South Dakota  
Telephone 578-1975

Mr. Gilt Edge, Inc.

7-24

19 85

P.O. Box 485

Page 5

Deadwood, S D 57732

	SAMPLE NO.	GOLD		SILVER	
		OUNCES PER TON	*VALUE PER TON	OUNCES PER TON	*VALUE PER TON
1	Hole 7D 115-120	nf		nf	
2	120-125	nf		nf	
3	125-130	nf		nf	
4	130-135	nf		nf	
5	135-140	nf		nf	
6	140-145	.015		nf	
7	145-150	.05		nf	
8	150-155	.005		nf	
9	155-160	.155		3.095	
10	160-165	.025		4.125	
11	165-170	.02		nf	
12	170-175	tr		nf	
13	175-180	nf		nf	
14	180-185	tr		nf	
15	Hole 3D 0-5	nf		nf	

	SAMPLE NO.	GOLD		SILVER	
		OUNCES PER TON	*VALUE PER TON	OUNCES PER TON	*VALUE PER TON
16	Hole 3D 5-10	nf		nf	
17	10-15	nf		nf	
18	15-20	nf		nf	
19	20-25	tr		nf	
20	25-30	nf		nf	
21	30-35	.015		nf	
22	35-40	nf		nf	
23	40-45	.030		nf	
24	45-50	.030		nf	
25	50-55	.030		nf	
26	55-60	.005		nf	
27	60-65	.005		nf	
28	65-70	.020		nf	
29	70-75	.025		nf	
30	75-80	.035		nf	

\*Values figured on basis of gold @ \$ \_\_\_\_\_ per ounce, silver @ \$ \_\_\_\_\_ per ounce.

## REMARKS:

Dakota Assayers is responsible for this report but assumes no responsibility as to the source of the sample tested.



ASSAYER

# DAKOTA ASSAYERS

POST OFFICE BOX 2 • DEADWOOD, SOUTH DAKOTA 57732  
TELEPHONE (605) 578-1350

## ASSAYER-REFINER

Fred Mosley  
Lead, South Dakota  
Telephone 584-3420

## - ASSAY CERTIFICATE -

## MANAGER-ASSAYER

Maurice Hoffman  
Deadwood, South Dakota  
Telephone 578-1975

Mr.

Gilt Edge, Inc.

7-24

19 85

P.O. Box 485

Deadwood, S D 57732

Page 6

	SAMPLE NO.	GOLD		SILVER	
		OUNCEs PER TON	*VALUE PER TON	OUNCEs PER TON	*VALUE PER TON
1	Hole 3D 80-85	.030		nf	
2	85-90	.015		nf	
3	90-95	.015		nf	
4	95-100	nf		nf	
5	100-105	nf		nf	
6	105-110	nf		nf	
7	110-115	nf		nf	
8	115-120	nf		nf	
9	120-125	nf		nf	
10	125-130	nf		nf	
11	130-135	nf		nf	
12	135-140	nf		nf	
13	140-145	nf		nf	
14	145-150	nf		nf	
15	150-155	.005		nf	

	SAMPLE NO.	GOLD		SILVER	
		OUNCEs PER TON	*VALUE PER TON	OUNCEs PER TON	*VALUE PER TON
16	Hole 3D 155-160		.055		nf
17	160-165		nf		nf
18	165-170		.020		nf
19	170-175		nf		nf
20	175-180		nf		nf
21	180-185		.005		nf
22	185-190		.010		nf
23	190-195		nf		nf
24	195-200		.010		nf
25	200-205		nf		nf
26	205-210		.010		nf
27	210-215		.005		nf
28	215-220		.015		nf
29	Hole 4D 0-5		.005		nf
30	5-10		.025		nf

\*Values figured on basis of gold @ \$ \_\_\_\_\_ per ounce, silver @ \$ \_\_\_\_\_ per ounce.

REMARKS:

Dakota Assayers is responsible for this report but assumes no responsibility as to the source of the sample tested.



ASSAYER

# DAKOTA ASSAYERS

POST OFFICE BOX 2 o DEADWOOD, SOUTH DAKOTA 57732  
TELEPHONE (605) 578-1350

**ASSAYER-REFINER**

Fred Mosley  
Lead, South Dakota  
Telephone 584-3420

## — ASSAY CERTIFICATE —

**MANAGER-ASSAYER**

Maurice Hoffman  
Deadwood, South Dakota  
Telephone 578-1975

Gilt Edge, Inc.

Mr. \_\_\_\_\_

7-24

19 85

P.O. Box 485

Deadwood, S D 57732

Page 7

	SAMPLE NO.	GOLD		SILVER	
		OUNCEs PER TON	*VALUE PER TON	OUNCEs PER TON	*VALUE PER TON
1	Hole 4D 10-15	.005		nf	
2	15-20	nf		nf	
3	20-25	nf		nf	
4	25-30	nf		nf	
5	30-35	nf		nf	
6	35-40	nf		nf	
7	40-45	nf		nf	
8	45-50	nf		nf	
9	50-55	nf		nf	
10	55-60	nf		nf	
11	60-65	nf		nf	
12	65-70	nf		nf	
13	70-75	nf		nf	
14	75-80	nf		nf	
15	80-85	nf		nf	

	SAMPLE NO.	GOLD		SILVER	
		OUNCEs PER TON	*VALUE PER TON	OUNCEs PER TON	*VALUE PER TON
16	Hole 4D 85-90	nf		nf	
17	90-95	nf		nf	
18	95-100	nf		nf	
19	100-105	nf		nf	
20	105-110	nf		nf	
21	110-115	nf		nf	
22	115-120	nf		nf	
23	120-125	nf		nf	
24	125-130	nf		nf	
25	130-135	nf		nf	
26	135-140	nf		nf	
27	140-145	nf		nf	
28	145-150	nf		nf	
29	150-155	nf		nf	
30	155-160	nf		nf	

\*Values figured on basis of gold @ \$ \_\_\_\_\_ per ounce, silver @ \$ \_\_\_\_\_ per ounce.

REMARKS:

Dakota Assayers is responsible for this report but assumes no responsibility as to the source of the sample tested.



ASSAYER

# DAKOTA ASSAYERS

POST OFFICE BOX 2 • DEADWOOD, SOUTH DAKOTA 57732  
TELEPHONE (605) 578-1350

## ASSAYER-REFINER

Fred Mosley  
Lead, South Dakota  
Telephone 584-3420

## - ASSAY CERTIFICATE -

## MANAGER-ASSAYER

Maurice Hoffman  
Deadwood, South Dakota  
Telephone 578-1975

Gilt Edge, Inc.

7-24

19 85

Mr.

P.O. Box 485

Deadwood, S D 57732

Page 8

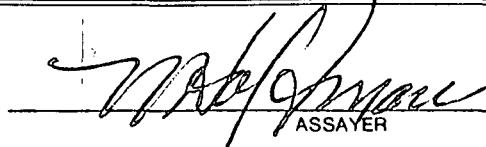
SAMPLE NO.	GOLD		SILVER	
	OUNCEs PER TON	*VALUE PER TON	OUNCEs PER TON	*VALUE PER TON
1 Hole 4D 160-165	nf		nf	
2 165-170	nf		nf	
3 170-175	.005		nf	
4 175-180	nf		nf	
5 180-185	nf		nf	
6 185-190	nf		nf	
7 190-195	tr		nf	
8 195-200	tr		nf	
9 200-205	tr		nf	
10 Hole 6D 0-5	nf		nf	
11 5-10	nf		nf	
12 10-15	nf		nf	
13 15-20	nf		nf	
14 20-25	nf		nf	
15 25-30	nf		nf	

SAMPLE NO.	GOLD OUNCEs PER TON	*VALUE PER TON	SILVER OUNCEs PER TON	*VALUE PER TON
16 30-35	.005		nf	
17 35-40	.010		nf	
18 40-45	.060		nf	
19 45-50	.005		nf	
20 50-55	nf		nf	
21 55-60	nf		nf	
22 60-65	nf		nf	
23 65-70	nf		nf	
24 70-75	tr		nf	
25 75-80	.020		nf	
26 80-85	nf		nf	
27 85-90	nf		nf	
28 90-95	nf		nf	
29 95-100	tr		nf	
30 100-105	tr		nf	

\*Values figured on basis of gold @ \$ \_\_\_\_\_ per ounce, silver @ \$ \_\_\_\_\_ per ounce.

## REMARKS:

Dakota Assayers is responsible for this report but assumes no responsibility as to the source of the sample tested.



ASSAYER

# DAKOTA ASSAYERS

POST OFFICE BOX 2 o DEADWOOD, SOUTH DAKOTA 57732  
TELEPHONE (605) 578-1350

## ASSAYER-REFINER

Fred Mosley  
Lead, South Dakota  
Telephone 584-3420

## — ASSAY CERTIFICATE —

## MANAGER-ASSAYER

Maurice Hoffman  
Deadwood, South Dakota  
Telephone 578-1975

Mr. Gilt Edge, Inc.

7-24

19 85

P.O. Box 485

Deadwood, S D 57732

Page 9

	SAMPLE NO.	GOLD		SILVER	
		OUNCEs PER TON	*VALUE PER TON	OUNCEs PER TON	*VALUE PER TON
1	Hole 6D 105-110	tr		nf	
2	110-115	nf		nf	
3	115-120	nf		nf	
4	120-125	tr		nf	
5	125-130	tr		nf	
6	130-135	tr		nf	
7	135-140	tr		nf	
8	140-145	tr		nf	
9	145-150	nf		nf	
10	150-155	nf		nf	
11	155-160	nf		nf	
12	160-165	nf		nf	
13	165-170	nf		nf	
14	170-175	nf		nf	
15	175-180	tr		nf	

	SAMPLE NO.	GOLD		SILVER	
		OUNCEs PER TON	*VALUE PER TON	OUNCEs PER TON	*VALUE PER TON
16	Hole 6D 180-185	nf		nf	
17	185-190	nf		nf	
18	190-195	nf		nf	
19	195-200	nf		nf	
20	200-205	.01		nf	
21					
22					
23					
24					
25					
26					
27					
28					
29					
30					

\*Values figured on basis of gold @ \$ \_\_\_\_\_ per ounce, silver @ \$ \_\_\_\_\_ per ounce.

## REMARKS:

Dakota Assayers is responsible for this report but assumes no responsibility as to the source of the sample tested.



ASSAYER

<u>Hole #</u>	<u>Coordinates</u>	<u>Elev.</u>	<u>Depth.</u>	
MW - 85-1D	745,664 N	1,125,815 E	5359	105'
MW - 85-2D	746,101 N	1,125,943 E	5387	125'
MW - 85-3D	747,162 N	1,126,690 E	5465	220'
MW - 85-4D	747,952 N	1,126,726 E	5523	205'
MW - 85-5D	744,177 N	1,125,980 E	5275	105'
MW - 85-6D	747,425 N	1,127,325 E	5610	205'
MW - 85-7D	746,440 N	1,126,267 E	5408	185'
MW - 85-1S	744,179 N	1,125,987 E	5275	20'
MW - 85-2S	746,100 N	1,125,932 E	5387	22'